

The Magic Dust

By:

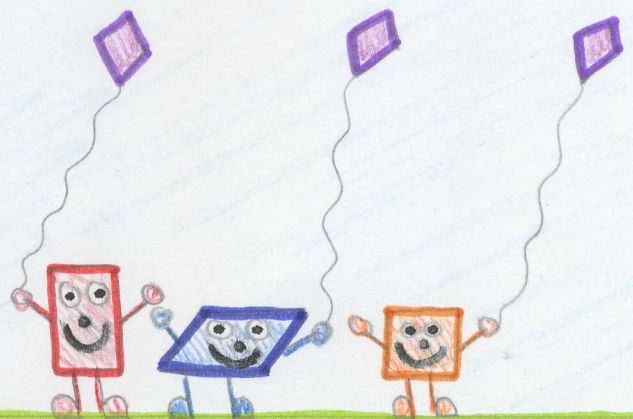
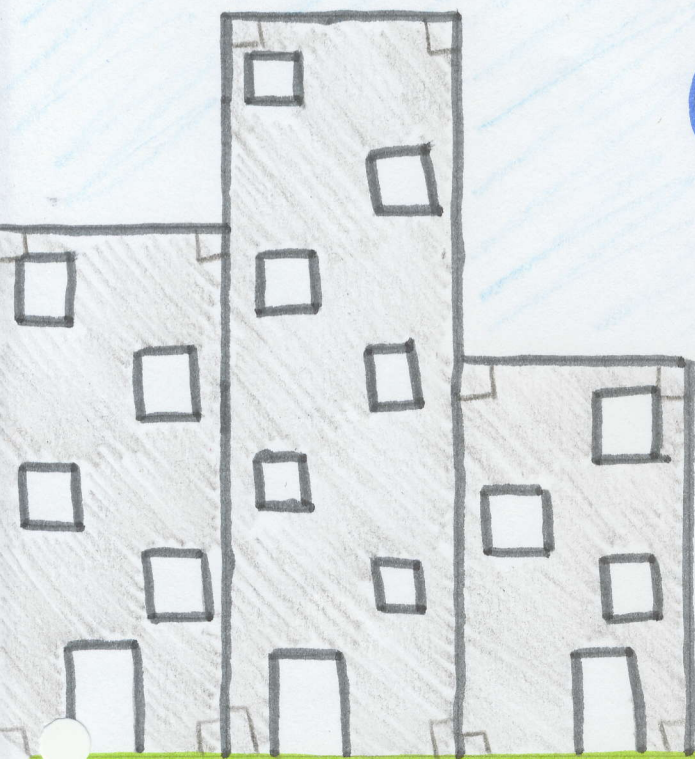
Jenny Trowitch and Olivia Casey

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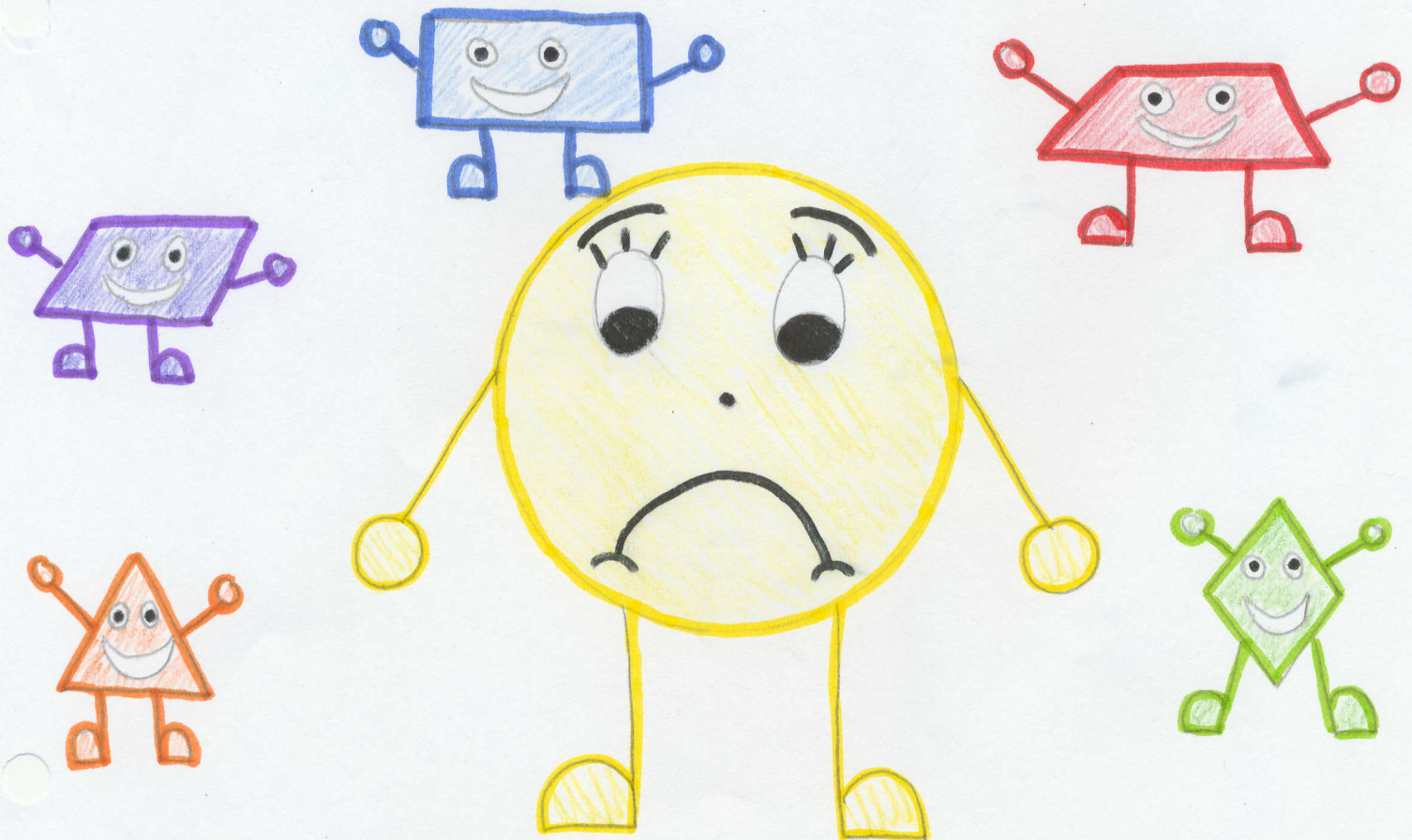
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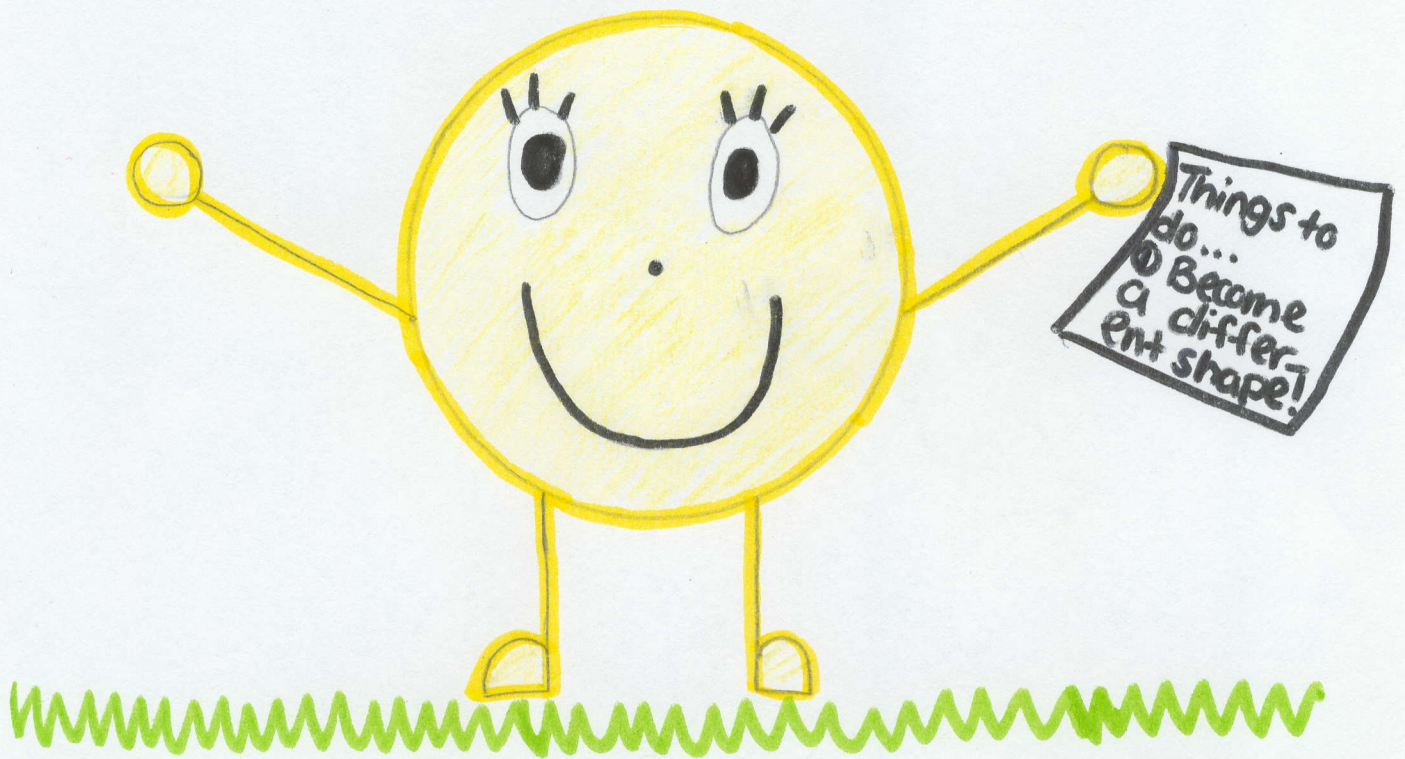
Once upon a time, there was a circle. Her name was Lola. Lola lived in a little town called Lateral. To be more specific, Lola lived on the quad of Lateral. Now the quad of Lateral looked like a four sided polygon filled with big and small rectangular shops, which had four congruent right angles. There were also little shapelettes flying their kites with two pair of congruent adjacent sides and several bustling towns shapes.



Welcome to Lateral!

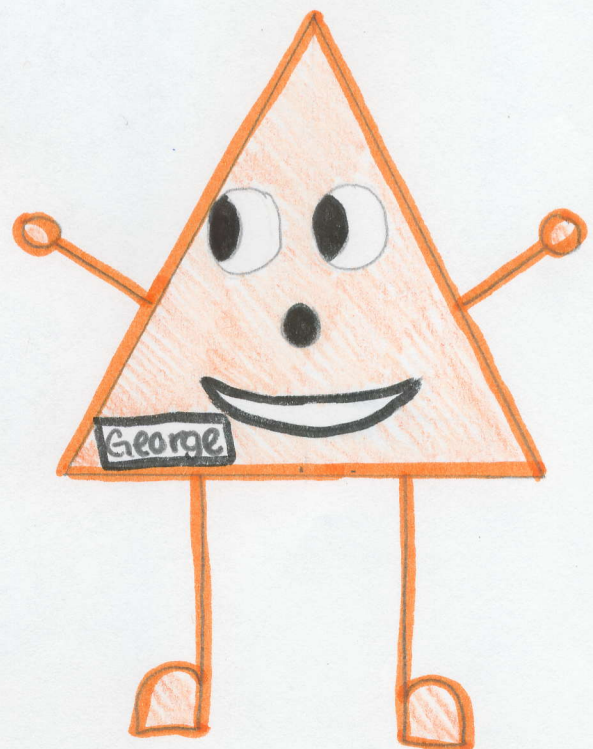
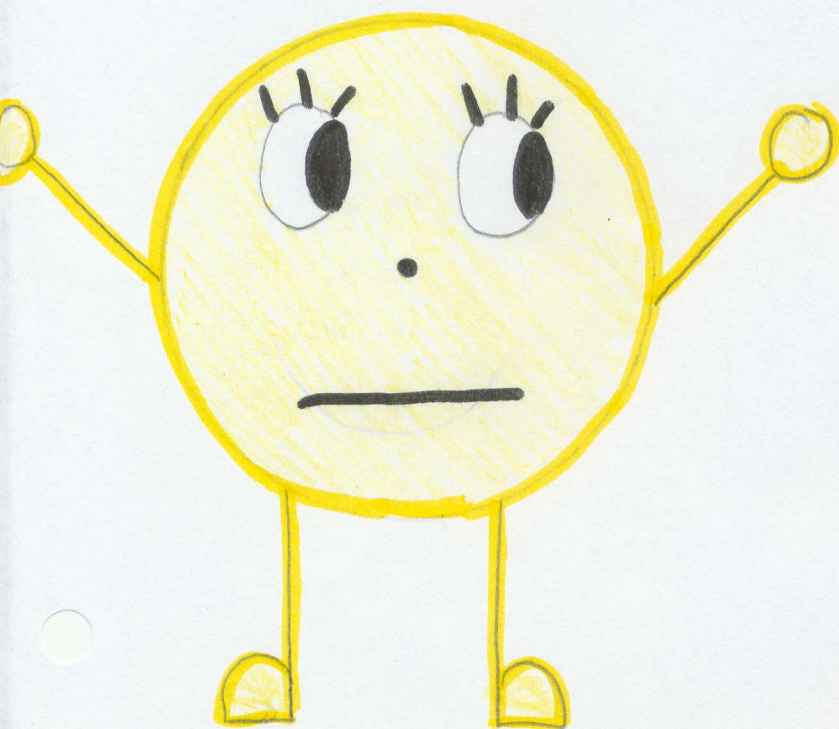
Unfortunately Lola never got to join the fun on the quad because she was a different looking shape and all the other shapes made fun of her. They felt she wasn't as unique as them. You see Lola didn't have any sides or angles like the fellow towns shapes. She was a closed plane curve in which every point was equidistant from the center of her face. Lola wanted so badly to fit in that she was willing to do anything.

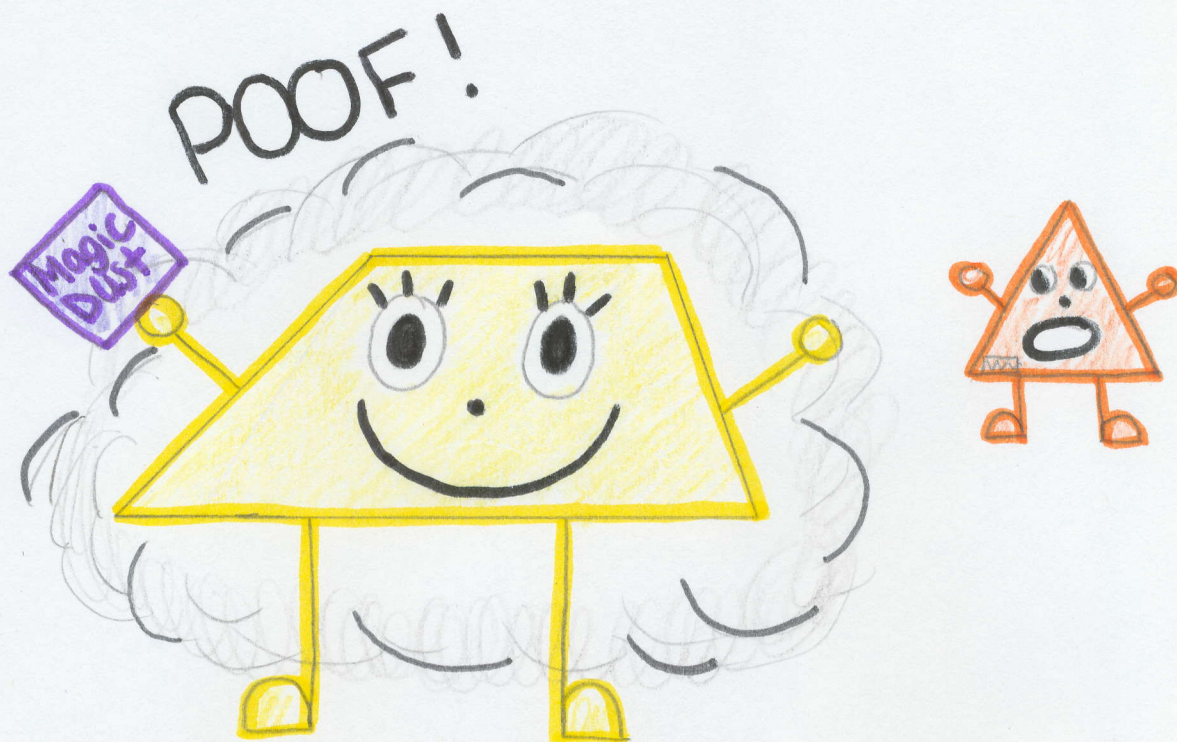




One day Lola decided she was tired of missing out on the fun. "I want to be as unique as all the other shapes," Lola stated. So, she set out on a mission to become more like the other shapes in the little town of Lateral.

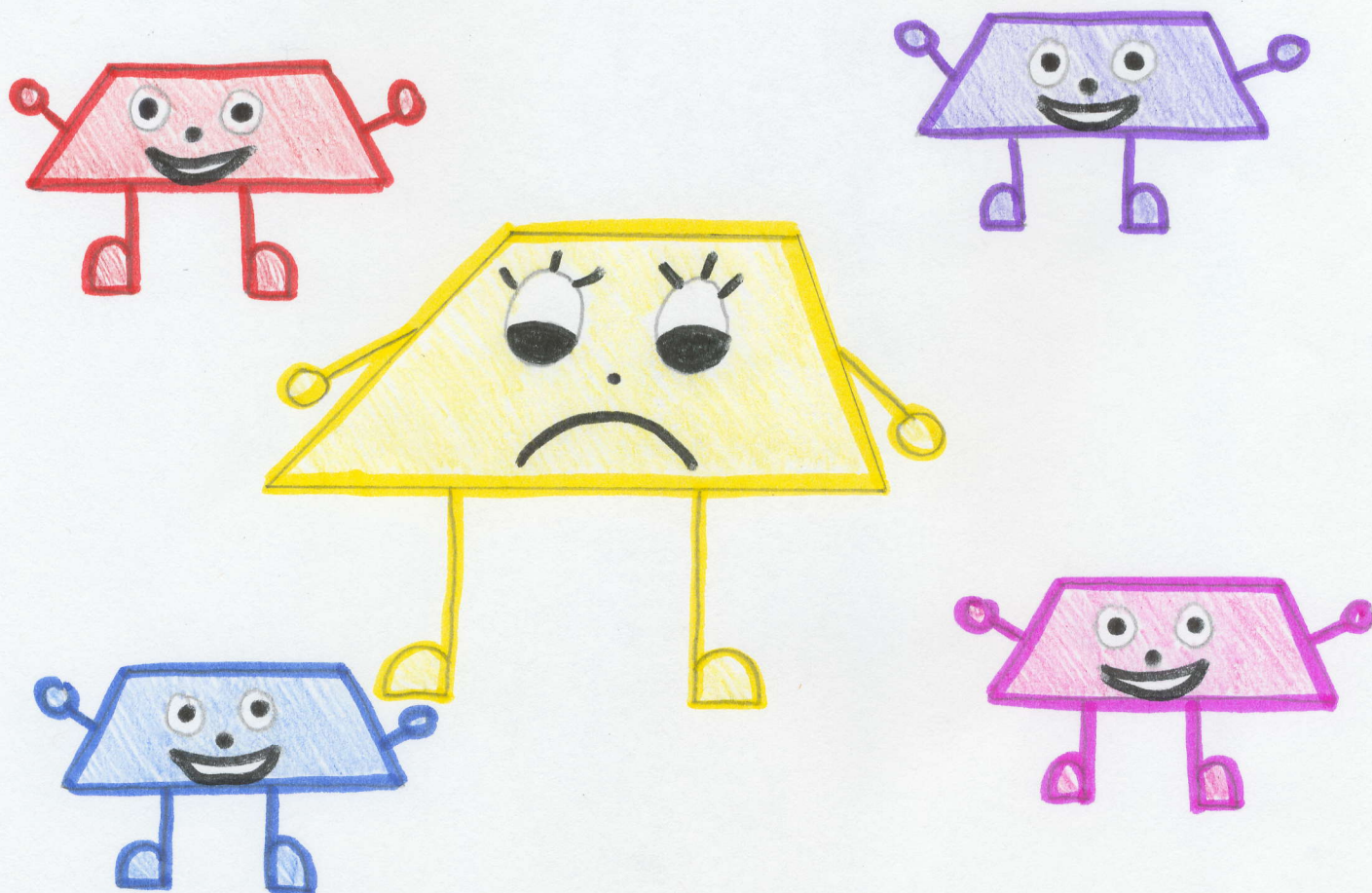
Lola visited several stores all over the quad, but had no luck in finding a way to change her shape. She finally came to the last store in the town called Shapes R Us and hopelessly went inside. "How may I help you Miss," said George the triangular clerk. George was an odd shape like her, but he had three sides and three angles. "I'm tired of being a boring old circle, but I don't know how to change."

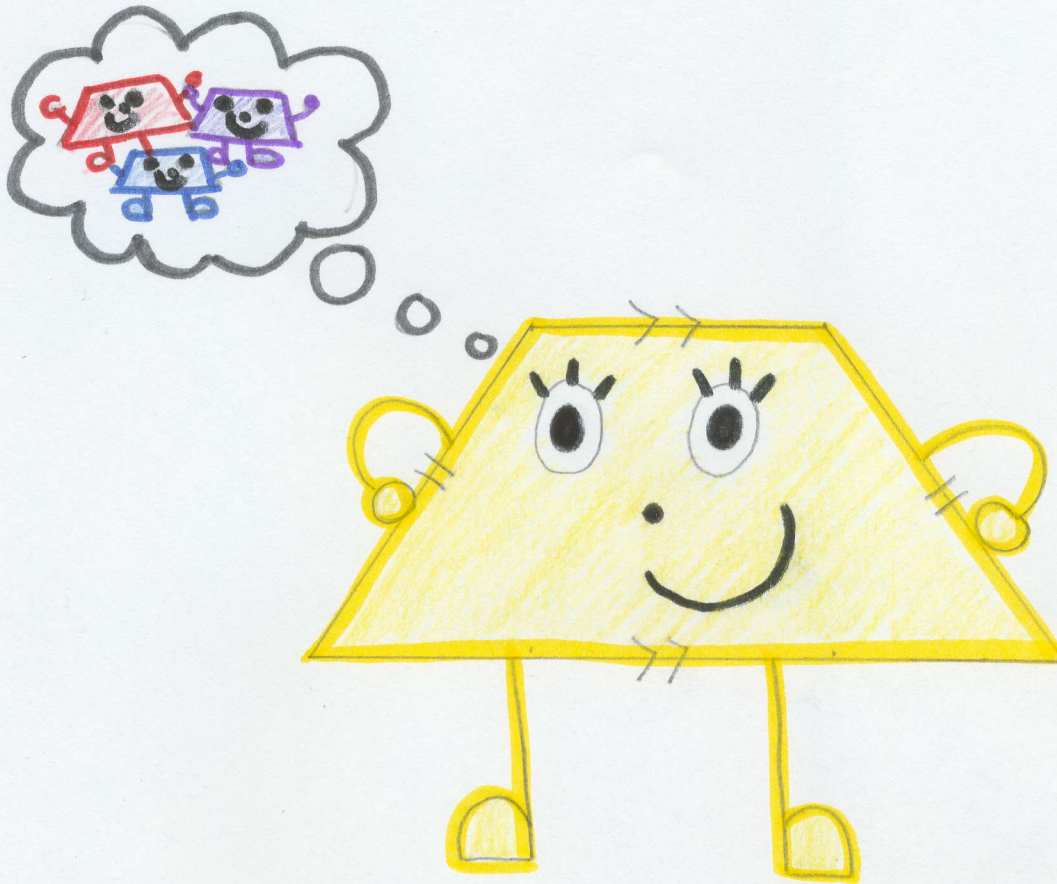




"Well it's your lucky day because I have just the thing," exclaimed George. George wove in and out of the aisles, frantically searching for something to make Lola change. "Here it is!" George pulled a box down off the top shelf, blew the dust off, and handed one of the boxes' packets to Lola. It read "Magic Shape Change Dust, every shape for every need." There was no time to waste so Lola sprinkled some over her head and... POOF! Lola was a trapezoid.

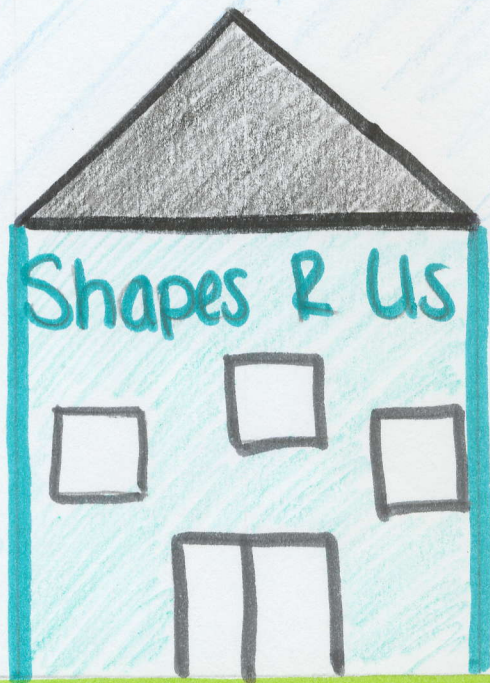
Lola wanted to show her new sides off to the whole town. She now had one pair of parallel sides and one pair of supplementary angles. When she arrived, everyone still made fun of her because regular trapezoids were out of style! The new look was the isosceles trapezoid. Lola was devastated. She quickly ran back to Shapes R Us and demanded more of the magic shape changing dust!





"Hurry, Hurry! Everyone is laughing at me!" She quickly sprinkled the dust over her head and... POOF! Lola was an isosceles trapezoid. She was a hip new shape. She was working her new congruent non-parallel sides and the other parallel sides. "Look at me," she said "Now I'm just like everyone else." Lola thought that she would definitely fit in now.

While Lola was walking home, she noticed that everyone was a new shape. They had two sets of parallel sides instead of just one. She was so confused and couldn't believe what she was seeing. "I need to go back to Shapes R Us!" Lola shouted.



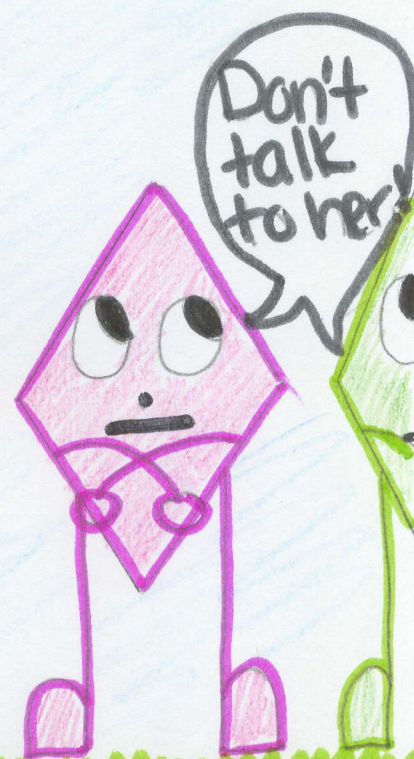
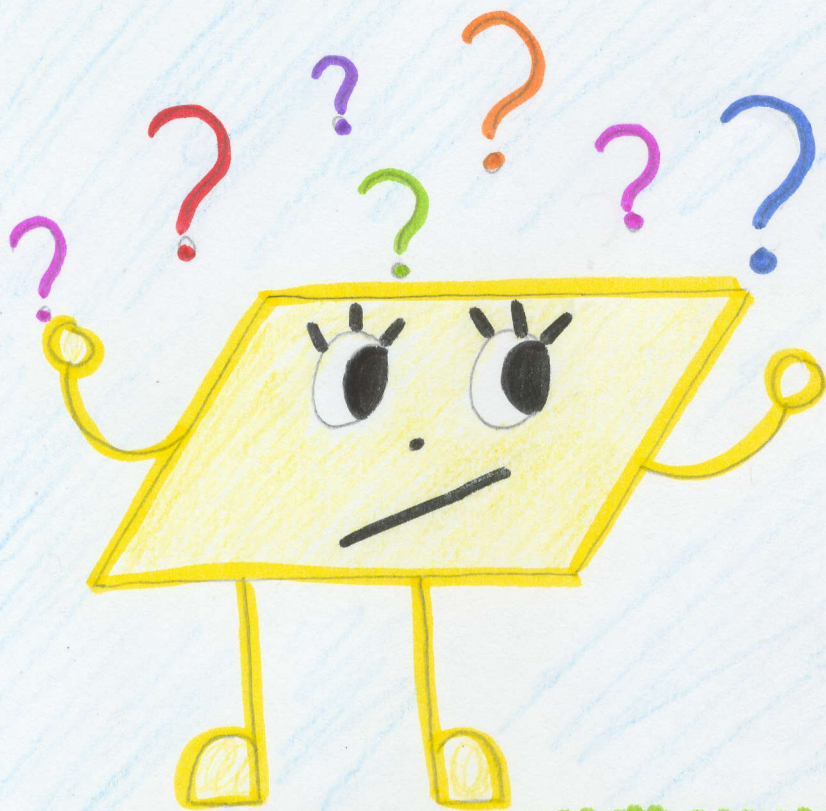


The clerk at Shapes R Us said, "Are you back for more?!"

"Yes I am," Lola replied, "and this time it's urgent!" So Lola sprinkled the dust over her head and... POOF! Lola was a parallelogram. She now had two parallel sides and her opposite sides were congruent so she didn't look lopsided any more.

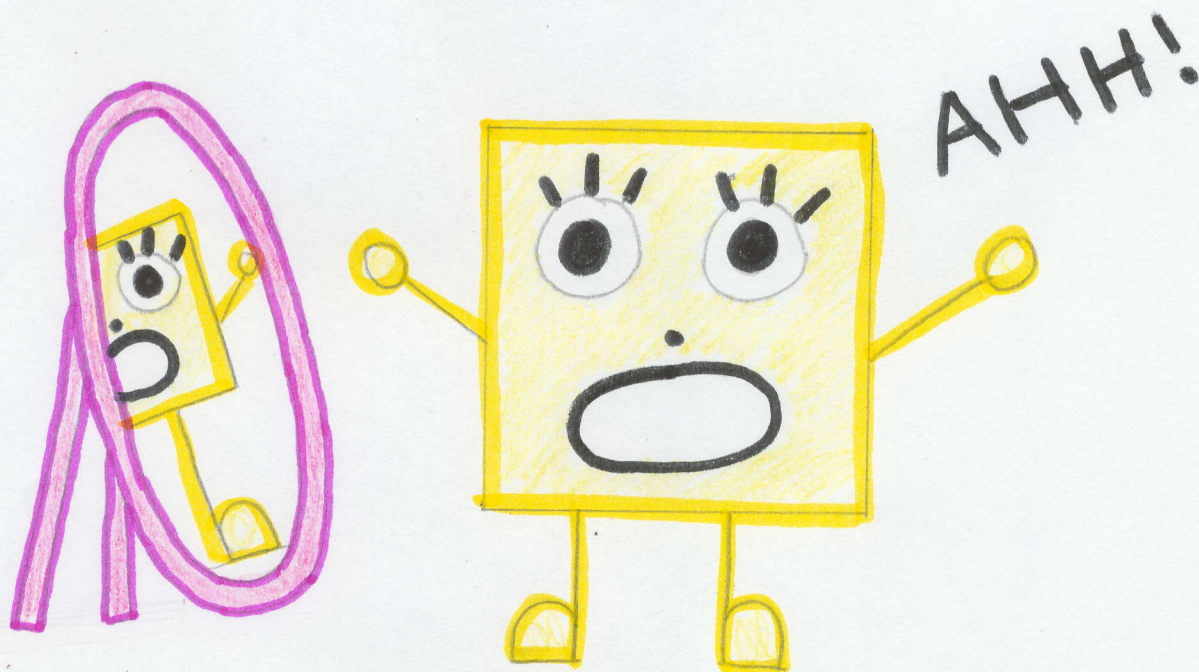
She skipped out of Shapes R Us with a huge smile on her face. Soon she saw all of the towns shapes and realized she was still not the right shape. To her disappointment, everyone was a rhombus.

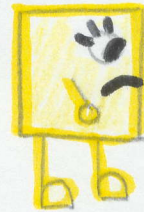
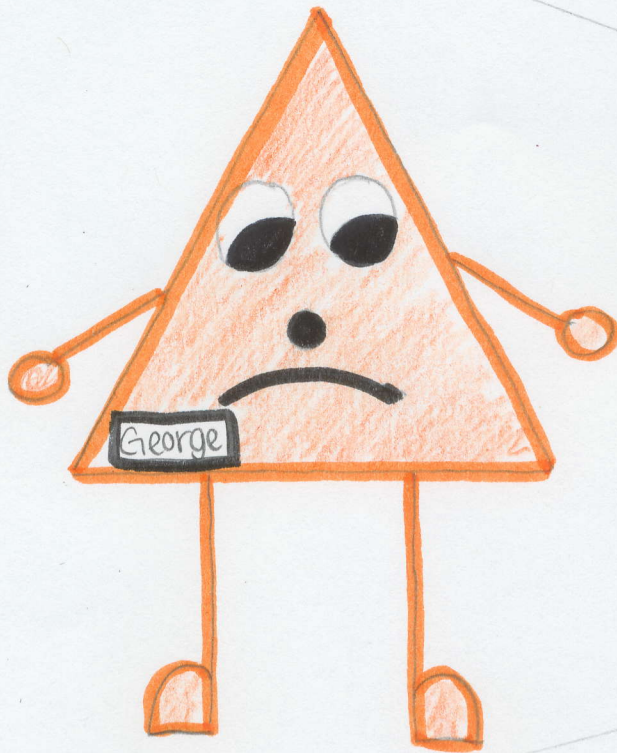




She stopped to talk to one of the rhombuses and asked why everyone kept changing shapes. All of the shapes started to laugh at her because Lola was never the right shape and they were too cool to talk to a boring old parallelogram. Lola felt hopeless.

She went back to Shapes R Us and asked for yet another packet of shape changing dust. Lola thought to herself, "If only there were some way for me to be the right shape this time." So with a sad sigh, Lola sprinkled the dust on her head, hoping for a miracle. POOF! All the sudden Lola turned into a square. She hurried over to a mirror and panicked when she realized she wasn't like everyone else! Instead of at least two congruent adjacent sides, like the fellow rhombuses, she had four congruent sides.

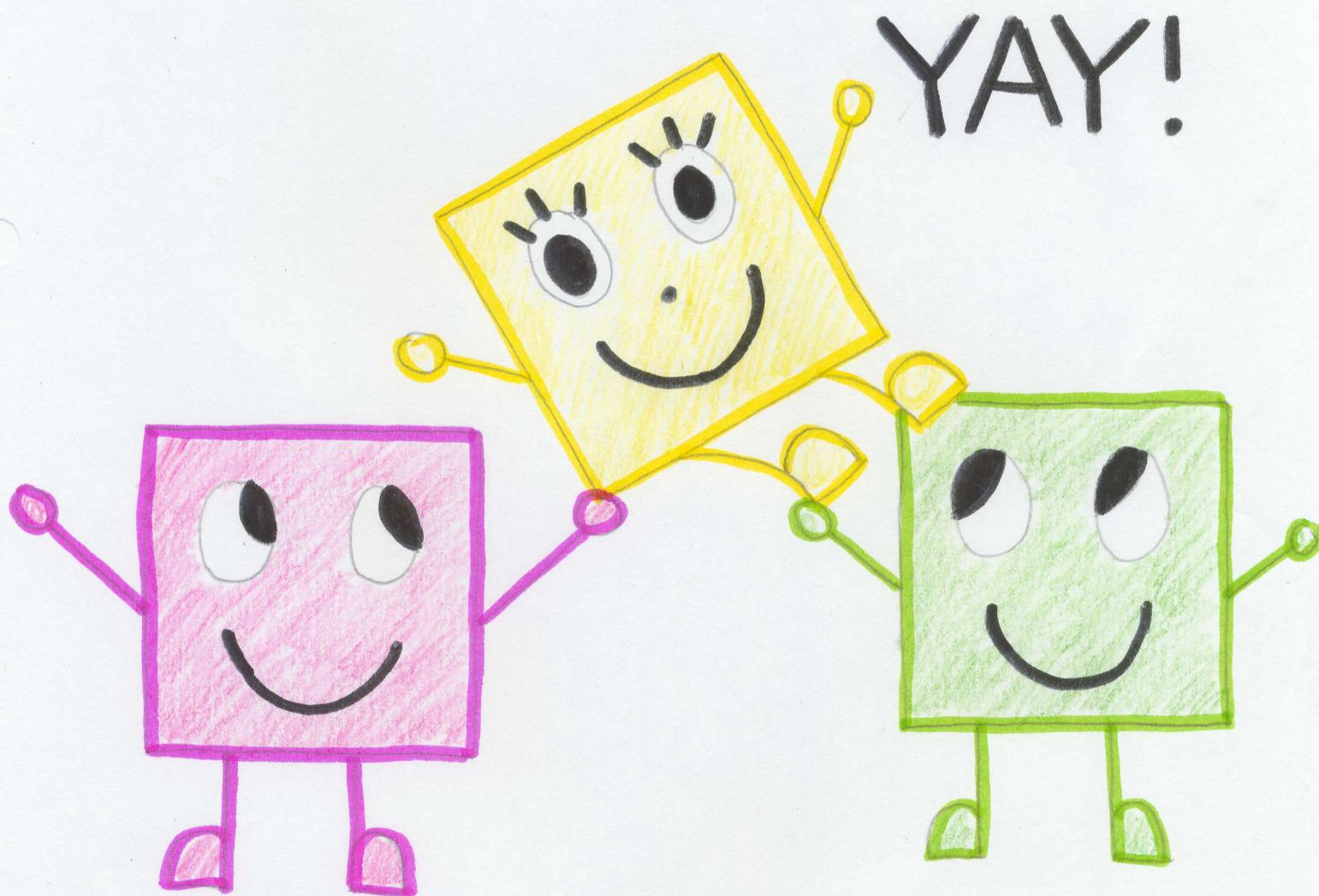




"Something went horribly wrong!" Lola exclaimed to the store clerk. "Can I have another shape changing packet please?" The clerk said, "I'm sorry Miss, but you just purchased our last packet."

"Oh no, what should I do!" Lola started to panic and sadly decided it was best just to give up and walk home.

As soon as Lola walked outside all the other town shapes started to talk to her. She soon realized that everyone else was a square, just like her. Lola was extremely happy and got her wish to finally fit in!



Sources:

<http://www.merriam-webster.com/dictionary/circle>

<http://dictionary.reference.com/browse/parallelogram>